

Converting Colors

Yxy(32.9336, 0.3094, 0.2025)

Have a look what the booklet for
Yxy(32.9336, 0.3094, 0.2025)
contains.

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Color

Yxy(32.8875, 0.3097, 0.2024)

Conversions

Conversions Part 1

Format	Color
Hex	DE70E7
RGB	222, 112, 231
RGB Percent	87%, 44%, 91%
CMY	0.1297, 0.5605, 0.0942
CMYK	0.04, 0.51, 0.00, 0.09
HSL	295°, 71%, 67%
HSV	295°, 51%, 91%
XYZ	50.3224, 32.8875, 79.2777
YIQ	158.4560, 27.3610, 60.3290

Conversions

Conversions Part 2

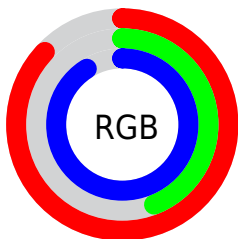
Format	Color
R _Y B	222, 112, 231
Decimal	14577895
CIE Lab	64.07, 59.36, -41.87
CIE LCh	64, 72.648, 324.802
Yxy	32.8875, 0.3097, 0.2024
Android (android.graphics.Color)	4292767975 (0xFFDE70E7)
YUV	158.4560, 35.7642, 55.7281
Hunter-Lab	57.3476, 56.2750, -41.8195

Details

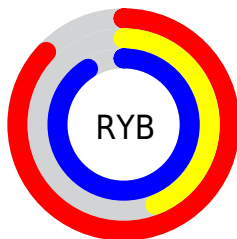
The Yxy color **32.8875, 0.3097, 0.2024** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62.3820, 0.3100, 0.4908**, and the grayscale version is **34.2410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4853, 0.3167, 0.2441**, and **13.8160, 0.3050, 0.1722** is the 20% darker color. If you saturate the color by 10%, you get **28.1497, 0.3084, 0.1825**, and if you desaturate by 10%, it is **38.9384, 0.3108, 0.2251**.

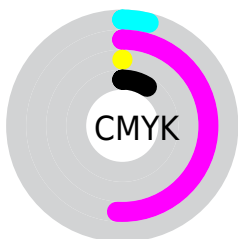
Distribution



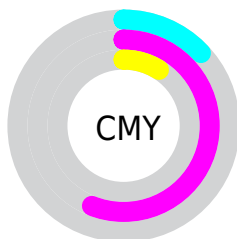
- Red (87%)
- Green (44%)
- Blue (91%)



- Red (87%)
- Yellow (44%)
- Blue (91%)



- Cyan (4%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)




- Cyan (13%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8875, 0.3097, 0.2024 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 32.8875, 0.3097, 0.2024 by changing the saturation by 10% instead.

 32.8875, 0.3097,
0.2024


 32.8875, 0.3097,
0.2024


315.1425, 0.3138,
0.2614


 22.0403, 0.3080,
0.1891


 64.1998, 0.3117,
0.2228

 13.8865, 0.3054,
0.1730


 85.4338, 0.3124,
0.2307

 8.0418, 0.3014,
0.1530

 110.8987, 0.3128,
0.2376

 4.1217, 0.2950,
0.1279

140.9791, 0.3131,
0.2436

 1.7419, 0.2839,
0.0964

176.0592, 0.3134,
0.2489

 0.4505, 0.2652,
0.0506

216.5236, 0.3136,


 0.0000, 0.2258,


0.2535

0.0000


262.7565, 0.3137,
0.2577


 0.0000, 0.0000,
0.0000


 32.8875, 0.3097,
0.2024


 32.8875, 0.3097,
0.2024


 28.1497, 0.3084,
0.1825

 38.9384, 0.3108,
0.2251


 24.6185, 0.3068,
0.1664

 46.3893, 0.3116,
0.2497


 22.1783, 0.3051,
0.1545

 55.3248, 0.3122,
0.2752

 20.6887, 0.3032,
0.1471

 65.8213, 0.3125,
0.3007

 19.9743, 0.3016,
0.1435

 77.9503, 0.3127,
0.3254

■ 91.7787, 0.3127,
0.3490

■ 94.8193, 0.3136,
0.3532

■ 95.1186, 0.3147,
0.3531

■ 95.4209, 0.3158,
0.3530

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.8875, 0.2135, 0.1743



32.8875, 0.3097, 0.2024



32.8875, 0.4276, 0.2542

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.8875, 0.3097, 0.2024



32.8875, 0.4737, 0.4710



32.8875, 0.1444, 0.2870

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.8875, 0.3097, 0.2024



62.3820, 0.3100, 0.4908

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.8875, 0.1947, 0.4150



32.8875, 0.3097, 0.2024



32.8875, 0.3841, 0.5332

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.8875, 0.3097, 0.2024



32.8875, 0.5272, 0.3934



32.8875, 0.2828, 0.5242



32.8875, 0.1335, 0.2071

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.8875, 0.3097, 0.2024



32.8875, 0.4927, 0.2974



32.8875, 0.2828, 0.5242



32.8875, 0.1564, 0.3257

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.8889, 0.3097, 0.2024



77.4291, 0.3124, 0.2915



23.1298, 0.2163, 0.1782



15.9740, 0.3124, 0.2861



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.8889, 0.3097, 0.2024



34.8005, 0.3083, 0.1810



31.9412, 0.3720, 0.2521



14.5565, 0.3126, 0.3058



11.2251, 0.3019, 0.1437



0.8462, 0.3049, 0.1453

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.9706, 0.4497, 0.3193



30.8935, 0.4974, 0.3184



63.1815, 0.2803, 0.4243



14.3857, 0.3281, 0.3272



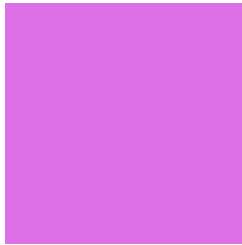
9.5548, 0.6316, 0.3253



0.7123, 0.6095, 0.3132

Previews

White Background



This preview shows how the Yxy color 32.8875, 0.3097, 0.2024 looks on a white background.

Color Contrast Check

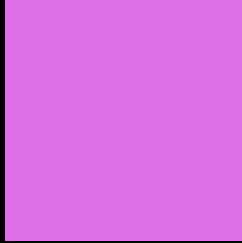
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.8875, 0.3097, 0.2024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

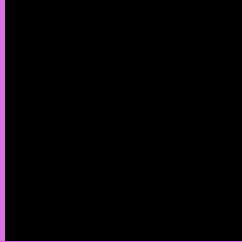
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.8875, 0.3097, 0.2024

Background



This preview shows how black text looks on a background with the Yxy color 32.8875, 0.3097, 0.2024.

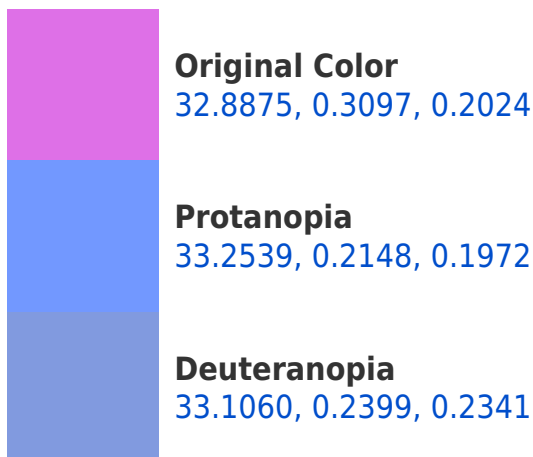


This preview shows how white text looks on a background with the Yxy color 32.8875, 0.3097, 0.2024.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

32.9127, 0.3889, 0.3166

Trichromacy



Original Color

32.8875, 0.3097, 0.2024



Protanomaly

31.3174, 0.2401, 0.1942



Deuteranomaly

31.7428, 0.2609, 0.2176



Tritanomaly

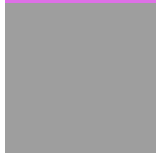
32.5034, 0.3584, 0.2689

Monochromacy



Original Color

32.8875, 0.3097, 0.2024



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.3763, 0.3114, 0.2700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8875, 0.3097, 0.2024 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 112, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 112, 231)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 112, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 112, 231) }
```

Border

The CSS property to change the border of an element to Yxy 32.8875, 0.3097, 0.2024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 112, 231) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 112, 231) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 112, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 112, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 112, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 112,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8875, 0.3097, 0.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 112, 231) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
112, 231) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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